## 024455pcus\_ST25 (2).txt SEQUENCE LISTING

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ctt tg Leu Cy	c tat s Tyr 35	gac Asp	atc Ile	acc Thr	gtc Val	atc Ile 40	cct Pro	aag Lys	ttc Phe	aga Arg	cct Pro 45	gga Gly	cca Pro	cgg Arg	144
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gac tg Asp Cy 65	t ggc s Gly	agc Ser	aag Lys	aca Thr 70	gtc Val	aca Thr	ccc Pro	gtc Val	agt Ser 75	ccc Pro	ctg Leu	ggg Gly	aag Lys	aaa Lys 80	240
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gtg gt Val Va	g gac I Asp	ata Ile 100	ctt Leu	aca Thr	gag Glu	caa Gln	ctg Leu 105	ctt Leu	gac Asp	att Ile	cag Gln	ctg Leu 110	gag Glu	aat Asn	336
tac at Tyr Il	a ccc e Pro 115	aag Lys	gaa Glu	ccc Pro	Leu	acc Thr 120	ctg Leu	cag Gln	gcc Ala	agg Arg	atg Met 125	tct Ser	tgt Cys	gag Glu	384
cag aa Gln Ly	a gcc s Ala	gaa Glu	gga Gly	cac His	ggc Gly	agt Ser	gga Gly	Ser	tgg Trp Page	Gln	ctc Leu	agt Ser	ttc Phe	gat Asp	432

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130			135	0	2445	5pcu	s_ST	25 ( 140	2).t	xt .			•
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gtt cat co Val His P													528
gat atg a Asp Met T													576
tgg ctt g Trp Leu G 1	ag gac lu Asp 95	ttc tt Phe Le	g atg u Met	ggc Gly 200	atg Met	gac Asp	agc Ser	acc Thr	ctg Leu 205	gag Glu	cca Pro	agt Ser	624
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tcctcctca	t cctc	cctgc	ttcat	cctc	c ct	ggcat	tctg	a				•	720
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Leu Cys T	yr Asp 5	Ile Th	ır Val	Ile 40	Pro	Lys	Phe	Arg	Pro 45	Gly	Pro	Arg	
Trp Cys A 50	la Val	Gln G	y Gln 55	val	Asp	Glu	Lys	Thr 60	Phe	Leu	His	Tyr	
Asp Cys G 65	ly Ser	Lys Th		Thr	Pro	Val	Ser 75	Pro	Leu	Gly	Lys	Lys 80	
Leu Asn V	al Thr	Thr A <sup>-</sup> 85	la Trp	Lys	Ala	Gln 90	Asn	Pro	Val	Leu	Arg 95	Glu	
Val Val A	sp Ile 100	Leu Th	ır Glu	Gln	Leu 105	Leu	Asp	Ile	Gln	Leu 110	Glu	Asn	
Tyr Ile P	ro Lys 15	Glu Pi	o Leu	Thr 120	Leu	Gln	Аlа	Arg	Met 125	Ser	Cys	Glu	

#### 024455pcus\_ST25 (2).txt

Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp 130 135 140 Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr 145 150 155 160 Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly 180 185 190 Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser 200 Ala Gly Gly Thr Val 210 3 29 <210> <211> <212> DNA <213> Artificial <220> oligonucleotide <223> <400> 29 cggaattcat ggcagcggcc gccagcccc <210> 30 <211> <212> DNA <213> Artificial <220> <223> oligonucleotide <400> gccaagcttg atgccaggga ggatgaagca 30 <210> 34 <211> <212> DNA Artificial <213> <220> oligonucleotide <223> <400> ccggaattcg accctcactc tctttgctat gaca 34 <210> 6 30

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tttctt	cact atgactgtgg	cagcaagaca	gtcacacccg	tcagtcccct	ggggaagaaa	240	
ctaaat	gtca caacggcctg	gaaagcacag	aacccagtac	tgagagaggt	ggtggacata	300	
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Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg 35 40 45

Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr 50 55 60

Asp Cys Gly Asn Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys 65 70 75 80

Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu 85 90 95

Val Val Asp Ile Leu Thr Glu Gln Leu Arg Asp Ile Gln Leu Glu Asn 100 105 110

Tyr Thr Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu 115 120 125

Gln Lys Ala Glu Gly His Ser Ser Gly Ser Trp Gln Phe Ser Phe Asp 130 135 140

Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Lys Arg Met Trp Thr Thr 145 150 155 160

Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys 165 170 175

Val Val Ala Met Ser Phe His Tyr Phe Ser Met Gly Asp Cys Ile Gly 180 185 190

Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser 195 200 205

### 024455pcus\_ST25 (2).txt Ala Gly Ala Pro Leu Ala Met Ser Ser Gly Thr Thr Gln Leu Arg Ala 215 Thr Ala Thr Thr Leu Ile Leu Cys Cys Leu Leu Ile Ile Leu Pro Cys Phe Ile Leu Pro Gly Ile 245 <210> 741 DNA Homo sapiens <400> 11 atggcagcag ccgccgctac caagatcctt ctgtgcctcc cgcttctgct cctgctgtcc 60 ggctggtccc gggctgggcg agccgaccct cactctcttt gctatgacat caccgtcatc 120 cctaagttca gacctggacc acggtggtgt gcggttcaag gccaggtgga tgaaaagact 180 tttcttcact atgactgtgg caacaagaca gtcacacctg tcagtcccct ggggaagaaa 240 300 ctaaatgtca caacggcctg gaaagcacag aacccagtac tgagagaggt ggtggacata 360 cttacagagc aactgcgtga cattcagctg gagaattaca cacccaagga acccctcacc ctgcaggcca ggatgtcttg tgagcagaaa gctgaaggac acagcagtgg atcttggcag 420 ttcagtttcg atgggcagat cttcctcctc tttgactcag agaagagaat gtggacaacg 480 gttcatcctg gagccagaaa gatgaaagaa aagtgggaga atgacaaggt tgtggccatg 540 tccttccatt acttctcaat gggagactgt ataggatggc ttgaggactt cttgatgggc 600 atggacagca ccctggagcc aagtgcagga gcaccactcg ccatgtcctc aggcacaacc 660 720 caactcaggg ccacagccac caccctcatc ctttgctgcc tcctcatcat cctccctgc ttcatcctcc ctggcatctg a 741

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